

The heat continues:

Today's record in Sacramento is several degrees lower than the last few days. (Downtown Sacramento's 105 yesterday was 5 away from a record). As things are still heating up, we'll be teetering on some records this afternoon:

Location	Rec 7/5 Thurs.	Forecast Thurs.	Rec 7/6 Fri.	
Forecast Fri.				
Downtown Sacramento	107	106	105	
101				
Sacramento Exec Airport	105	105	104	99
Stockton	106	107	104	103
Fresno	112	108	111	
107				
Redding	113	114	111	
109				

The rest of the west is under this large high pressure cell, as well. Vegas, Phoenix, etc. are even hotter. However, with coastal areas west of the main center of high pressure, the energy demand and extent of record heat will be assuaged in California.

Looking ahead, without a good marine layer and the right onshore winds, Northern California may only drop a few degrees this weekend. Sacramento very warm; Redding/ Stockton/ Modesto/ Fresno hotter. Records are not likely to be falling this weekend, as a few degree drop is still projected. There is fairly good, although not complete model consensus on the high moving even further east, letting us cool a bit Sunday.

The heat has prompted the Office of Emergency Services to enact a heat alert for the following counties:

Fresno, Glenn, Kern, Los Angeles, Plumas, Sacramento, San Joaquin, Shasta, Tehama, Imperial, Riverside, San Bernardino and Ventura counties

An OES information center will be activated until Saturday at 7pm, during the current length of the projected heat wave.

A big factor in these situations are the overnight lows. Sacramento area lows will be in the 60's. In many foothill, north Sac valley, and San Joaquin Valley locales, those lows could stay in the 70's for 2 more nights.

The California Independent System operator has requested energy conservation today. A Stage 1 Emergency is possible today, but not likely. Consumption has been updated

to be 45,0000 megawatts today; within what the grid can provide. Greg Fishman, with ISO just told me that the cooler coast is the reason for the downcast from 47,000 that some media outlets are still posting. For more on CA Power during heat situations, go to:

<http://www.caiso.com/docs/2005/09/20/200509201347005516.html>

(EL)